

IN THE UNITED STATES PATENT & TRADEMARK OFFICE

PATENT

U.S. Application Serial No. 09/936,061
(from Int'l Appn. No. PCT/US01/00276)

Art Unit: 1712

Filing Date in US: 09/04/2001

Examiner: Daniel Metzmaier

Inventor: Edgar Franklin Hoy

Title: **Rheology Modified Compositions and Modification Agents**

I, Barbara J. Tribble, hereby
certify that this **Information
Disclosure Statement** is being
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on December 15, 2003.

Barbara J. Tribble
Signed

Dec. 15, 2003
Date

Information Disclosure Statement Under 37 C.F.R. 1.97 and 1.98

This Information Disclosure Statement is filed in conjunction with the above-
indicated U.S. patent application.

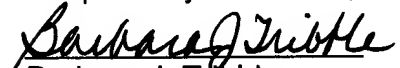
By this paper all references cited by Applicant and by the Examiner in the earlier
U.S. and international applications to which priority of the present application has
been claimed, (including USSN 09/478,425, now issued as U.S. Patent
6,365,639 B1, and International Application No. PCT/US01/00276), are hereby

incorporated into this Information Disclosure Statement. The enclosed copies of the three (3) earlier-filed PTO/SB/08A Forms (listing References #1-20, 21-26, and 27-29, respectively) and three (3) Examiner's PTO-892 Form list these references. It is requested that the copies of these references themselves, as already supplied by Applicant and the Examiner, which references currently reside in the earlier applications' files, be transferred (if not already transferred) for consideration during the examination of the present application.

Applicant is uncertain whether it is necessary to pay a fee for filing this information disclosure statement, which is being filed to ensure that the Examiner has reviewed all previous parent files as the examination process continues, with no new references being cited herein. If such a fee is required, prompt notification of the undersigned is requested in order to enable Applicant to submit an appropriate Credit Card Form 2038 via fax.

Applicant notes that citation of these references should not be construed as indicating Applicant's belief in the relevance thereof or the applicability of any reference as supportive of any type of rejection of the present application's claims, nor should it be construed as an indication that any search has been carried out by or on behalf of Applicant with reference to the present invention.

Respectfully submitted,


Barbara J. Tribble

Attorney Registration No. 31,670

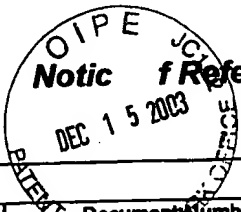
112 Pansy Path

Lake Jackson, Texas 77566

Ph./Fax 979-299-1893

e-mail: baronti@swbell.net

Date Dec. 15, 2003



Application/Control No. 09/936,061	Applicant(s)/Patent Under Reexamination HOY, EDGAR FRANKLIN
	Examiner Daniel S. Metzmaier

Page 1 of 1
1712

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6,025,303	02-2000	Keilhofer et al.	252/184
	B	US-5,728,363	03-1998	Martin et al.	423/306
	C	US-5,232,627	08-1993	Burba et al.	252/184
	D	US-5,036,915	08-1991	Wyganowski, Michael W.	507/202
	E	US-4,656,156	04-1987	Misra, Chanakya	502/414
	F	US-4,580,633	04-1986	Watkins et al.	507/244
	G	US-3,948,809	04-1976	Norman et al.	502/415
	H	US-4,748,139	05-1988	Burba, III, John L.	423/599
	I	US-4,664,843	05-1987	Burba et al.	252/184
	J	US-6,365,639	04-2002	Hoy, Edgar Franklin	252/184
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

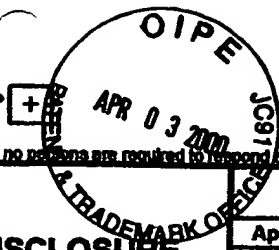
*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N	EP 0 887 396 A	12-1998	Europe	SKW TROSTBERG	—/—
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	P					
	Q					
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NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/478,425
		Filing Date	January 6, 2000
		First Named Inventor	Edgar Franklin Hoy
		Group Art Unit	1721 1712
		Examiner Name	Harrison, Bruce D. Metemaior
Sheet 1 of 2	Attorney Docket Number	BT-001	

U.S. PATENT DOCUMENTS					CLASS	SUBCLASS
Examiner Initials*	Cite No. ¹	U.S. Patent Document Number Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY		
DBH	1	4,318,732	Sawyer, Jr.	03-09-82	507	140
DBH	2	4,458,026	Reichle	07-03-84	502	80
DBH	3	4,492,678	Yoo, et al.	01-08-85	423	244.09
DBH	4	4,664,843	Burba, III et al.	05-12-87	516	110
DBH	5	4,748,139	Burba, III	05-31-88	501	120
DBH	6	4,774,212	Drezdon	09-27-88	502	62
DBH	7	4,790,954	Burba, III et al.	12-13-88	516	110
DBH	8	4,935,146	O'Neill et al.	06-19-90	210	684
DBH	9	4,990,268	Burba, III et al.	02-05-91	507	108
DBH	10	5,079,203	Pinnavaia et al.	01-07-92	502	84
DBH	11	5,094,778	Burba, III et al.	03-10-92	516	100
DBH	12	5,114,898	Pinnavaia et al.	05-19-92	502	406
DBH	13	5,232,627	Burba, III et al.	08-03-93	516	110
DBH	14	5,308,547	Burba, III et al.	05-03-94	516	104
DBH	15	5,418,071	Satou et al.	05-23-95	428	552
DBH	16	5,443,761	Burba, III et al.	08-22-94	516	22
DBH	17	5,645,810	Easley	07-08-97	423	600
DBH	18	5,721,198	Burba, III et al.	02-24-98	507	140
DBH	19	5,955,048	Cedro, III et al.	09-21-99	423	306

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ³	Number ⁴	Kind Code ⁵ (if known)			

Examiner Signature	<i>Harrison B. Metemaior</i>	Date Considered	3-16-01
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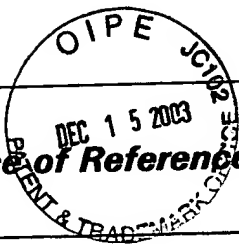
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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** Month unknown.



Notice of References Cited

Application No.
09/478,425

Applicant(s)
Edgar Franklin Hoy

Examiner
Daniel S. Metzmaier

Group Art Unit
1712

Page 1 of 1

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U.S. PATENT DOCUMENTS

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	5,728,363	03/1998	Martin et al.	423	593
B	5,036,915	08/1991	Wyganowski	507	202
C	4,904,457	02/1990	Misra	423	115
D	4,656,156	04/1987	Misra	502	415
E	4,580,633	04/1986	Watkins et al.	507	244
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
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PTO/SB/06A (10-98)

Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Complete if Known

Application Number	09/478,425
Filing Date	January 6, 2000
First Named Inventor	Edgar Franklin Hoy
Group Art Unit	1712
Examiner Name	D. Metzmaier
Attorney Docket Number	BT-001

(use as many sheets as necessary)

Sheet	1	of	2
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[illegible][illegible]

Examiner Signature	<i>Daniel S. McFinn</i>	Date Considered	3-16-01
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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US01/00276

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : B01J 13/00; C01B 33/20; C04B 33/04

US CL : 516/110; 507/129, 131, 140, 239, 244, 269; 252/184

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 516/110; 507/129, 131, 140, 239, 244, 269; 252/184

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
Please See Continuation Sheet

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X — Y	US 5,232,627 A (BURBA, III et al) 03 August 1993 (03.08.1993), see entire document.	1-4, 10, 14, 16-17, 19, 21, and 23-24
Y	US 5,728,363 A (MARTIN et al) 17 March 1998 (17.03.1998), abstract; columns 3 and 4; column 5, line 12; and examples.	5-9, 11-13, 15, 18, 20 and 22
Y	US 4,656,156 A (MISRA) 07 April 1987 (07.04.1987), abstract; column 4, lines 35 et sequa.	1-4, 10, 14, 19, 21 and 23
X, P — Y, P	US 6,025,303 A (KEILHOFER et al) 15 February 2000 (15.02.2000) column 1; column 2, line 48; and claims.	1-10, 16-19, 21-24
X — Y	EP 0 887 396 A1 (SKW TROSTBERG) 30 December 1998 (30.12.1998) abstract; page 1, line 27, page 3, lines 12-16; and claims.	19-20
		1-4, 10-12, 14-18, 21-24,
		19-20
		1-4, 10-12, 14-18, 21-24

☒ Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

- A- document defining the general state of the art which is not considered to be of particular relevance
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- Y- document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
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Date of the actual completion of the international search

23 March 2001 (23.03.2001)

Name and mailing address of the ISA/US
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Box PCT
Washington, D.C. 20231
20231/US-3230

Date of mailing of the international search report

23 APR 2001

Authorized officer

Daniel S. Metzmaier

Telephone No. (703) 308-0661

C (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 5,036,915 A (WYGANOWSKI) 06 August 1991 (06.08.1991) abstract; column 9 to 10; lines 66 to 20; column 12, lines 38-50.	11, 13, 15, 21-24
Y	US 4,580,633 A (WATKINS et al) 08 April 1986 (08.04.1986) abstract; column 4, lines 10 et sequa; column 10, lines 31 et sequa.	11, 13, 15, 21-24
A	US 4,748,139 A (BURBA, III) 31 May 1988 (31.05.1988) see entire document.	1 and 19
A	US 4,664,843 A (BURBA, III et al) 12 May 1987 (12.05.1987) see entire document.	1-4, 10, 14, 19 and 21

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PTC/SB/088 (10-06)
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Sheet	2	of	2
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Complete if Known

Application Number	09/478,425
Filing Date	January 6, 1999
First Named Inventor	Edgar Franklin Hoy
Group Art Unit	1712
Examiner Name	D. Metzmaier
Attorney Docket Number	BT-001

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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Notice of References Cited	Applicant/Patent Edgar Franklin Hoy	Application/Control No. 09/478,425	
	Examiner Daniel S. Metzmaier	Art Unit 1712	Page 1 of 1

U.S. PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY ¹	Name	Classification ²	
A	3,948,809	4/1976	Norman et al.	502	415
B					
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FOREIGN PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY ¹	Country	Name	Classification ²	
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Notice of References Cited	Applicant/Patent Edgar Franklin Hoy	Application/Control No. 09/478,425	
	Examiner Daniel S. Metzmaier	Art Unit 1712	Page 1 of 1

U.S. PATENT DOCUMENTS

	Document Number Country Code-Number-Kind Code	Date MM-YYYY ¹	Name	Classification ²	
A	5,723,698	3/1998	Dai et al.	568	913
B					
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FOREIGN PATENT DOCUMENTS

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